

ANNUAL SURVEY SUMMARY SHEET FOR SOLID WASTE LANDFILLS

**To be submitted in conjunction with the annual survey report required by
401 KAR 47:190, Section 8**

The original and one (1) copy of the following information shall be completed and attached with the Annual Survey Cross Sections. Submittal of the Annual Survey shall be made to:

Division of Waste Management
Solid Waste Branch
Permit Administration Section
14 Reilly Road
Frankfort, KY 40601-1190

A. OWNER INFORMATION:

1. Permittee Name: _____
2. Facility Name: _____
3. Permit No.: _____
4. Facility Mailing Address: _____

(City) (State) (Zip)
5. Contact Person: _____ Phone: _____

B. SURVEY PREPARATION INFORMATION:

1. Firm Name: _____
2. Mailing Address: _____

(City) (State) (Zip)
3. Individual Name: _____
4. Mailing Address: _____

(City) (State) (Zip)
5. Contact Person: _____ Phone: _____

6. Name of licensed person performing survey: _____
- Firm - KY P.E. License No.: _____ Expires: _____
- Individual - KY P.E. License No.: _____ Expires: _____
- Firm - KY L.S. License No.: _____ Expires: _____
- Individual - KY L.S. License No.: _____ Expires: _____

C. LANDFILL INFORMATION:

1. Date of current overflight/survey: _____
2. Date of last overflight/survey: _____
3. Number of days between overflight/survey: _____
4. For the present working area, provide the constructed permitted airspace in cubic yards as of the date of this survey:
- _____ Cubic Yards
5. For the present working area, provide the remaining unconstructed permitted airspace in cubic yards as of the date of this survey:
- _____ Cubic Yards
6. For the entire facility, provide the total permitted airspace (both filled and unfilled) in cubic yards as of this survey.
- _____ Cubic Yards Constructed (Plus (+))
- _____ Cubic Yards Not Constructed (Equal (=))
- _____ Total Approved Airspace for Entire Facility
7. If approval has been granted by the Cabinet for any increase in permitted airspace since the date of the last survey, indicate the volume approved:
- _____ Cubic Yards & Application No. _____
8. For the entire facility, provide the remaining unfilled permitted airspace in cubic yards as of the date of this survey:
- _____ Cubic Yards
9. Have any waste limits been exceeded horizontally or vertically?
- Yes _____ No _____

10. If the answer to question number 9 is "yes", provide a summary description (on the following lines) of the area(s) where the waste boundary or limits have been exceeded. Include in this summary a description of the specific locations or areas exceeded, along with volume calculations specifying the amount in cubic yards filled outside permitted airspace. Clearly delineate the areas on the cross sections that must accompany this submittal.

11. Provide the quantity of waste (in tons) disposed per day by dividing the number of days since the last survey by the total waste (in tons) received for the number of days to the date of this annual survey (based on 365 calendar days per year).

_____ Tons Per Day

Example: ABC Landfill conducts its current annual survey on April 1. The last one was done on March 15 of the previous year. During the time period from March 15 of the previous year to April 1 of the current year, ABC Landfill disposed of 381,000 tons of all wastes. Divide 381,000 by 381 (365+16=381 days between March 15, 1998 and April 1, 1999). Thus, the ABC Landfill disposed of an average of 1,000 tons of waste per day.

12. Provide the rate of compaction of waste by subtracting the volume of airspace consumed since the last annual survey and dividing the resulting figure by the pounds of waste received since the date of the last survey.

Example: In the previous example, if 381,000 tons of waste was received between March 15 of the last year and April 1 of this year, and 481,234 CY were filled, the landfill achieved a compaction rate of 1,583 lbs. per cubic yard.

$$\frac{(\# \text{ TONS}) (2,000 \text{ LBS.})}{\text{CY}} = \frac{(381,000)(2,000)}{481,234} = \frac{1,583.43 \text{ LB.}}{\text{CY}}$$

NOTE:

Solid Waste Regulations require the landfill owner or operator to notify the Cabinet no less than fifteen (15) calendar days prior to the date the survey is to be conducted. Additionally, the annual survey is required to be made between January 1 and May 1 each year. The results of the survey must be submitted to the Cabinet within sixty (60) days of the date of the survey unless aerial photography is used. If aerial photography is used, the results must be submitted within ninety (90) days of the aerial photography. Refer to 401 KAR 47:190, Section 8 for additional requirements for annual surveys.

ANNUAL SURVEY REPORT CERTIFICATION

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for such violations."

Signature* _____ Date _____
(Original signature only - in blue ink - no photocopies)

Name _____ Title _____
(Type or print)

*The person signing for the owner or operator must be an individual authorized according to the requirements of 401 KAR 47:160, Section 6.

